# COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

(includes reference to PCT International Applications)

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"Thin-Layer Porous Optical Interferometric Sensors for Gases and Other Fluids"

the specifica	tion of which	
(x)	is attached hereto.	
( )	was filed onas	
	Application Serial No	
	and was amended on	•
	(if applicable)	
(x)	was filed as PCT International Application	
	No. PCT/US2004/43742 on December 23, 2004	and was
	amended under PCT Article 19 on	•
	(if applicable)	

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to me to be material to patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International Application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT International Application(s) designating at least one country other than the United States of America having a filing date before that of the application on which priority is claimed:

Prior Foreign/PCT Ap (if PCT, indicate "PC	L A.	Priority Claimed	
PCT/US2004/43742	PCT	12/23/2004	_ (x)()
Number	Country	Day/Month/Year File	ed Yes No
			_ ( ) ( )
Number	Country	Day/Month/Year File	ed Yes No
United States applicate America listed below not disclosed in such Title 35, United State	nefit under Title 35, United Station(s) or PCT International A and, insofar as the subject mappior application(s) in the mapped Section 112, I acknown aterial to patentability as defining	pplication(s) designating the latter of each of the claims of the ner provided by the first paraledge the duty to disclose all i	United States of his application is graph of information
known to me to be ma	aterial to patematimy as demi	ied in Tille 57, Code of redela	ai Kegulaholi,

Section 1.56, which became available between the filing date of the prior application(s) and the

Application Serial No.		
or PCT Application No.	U.S. or PCT	Status Patented
(and any assigned USSN)	Filing Date	Pending, or Abandoned
60/533,870	12/31/03	Abandoned

national or PCT international filing date of this application:

POWER OF ATTORNEY: As a named Inventor, I hereby appoint all attorney(s) and/or agent(s) of the firm Dority & Manning, P.A. associated with Customer Number 22827, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

### **Send Correspondence to:**

Direct Telephone Calls to:

Facsimile: (864) 233-7342 Dority & Manning, P.A. Post Office Box 1449 Telephone: (864) 271-1592

Greenville, SC 29602 USA Customer ID No.: 22827

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Michael L. Myrick	
Inventor's Signature (Full name of sole or first inventor)	Date 206
Residence: 5 Castlevale Circle, Inno, SC 29063	
Citizenship: US	
Post Office Address:	
Paul G. Mincy	
(Full name of co-inventor or secon	d inventor)
Inventor's Signature	Date
Residence: Amorset, Manorhamilton, Co. Leitrim, Ireland	
Citizenship: Ireland	
Post Office Address:	
Maria V. Schiza	
(Full name of co-inventor or third	inventor)
Inventor's Signature	Date
Residence: 1015 King George Boulevard, Apartm	ent 702, Savannah, GA 31419
Citizenship: Greece	
Post Office Address:	

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Prior Foreign/PC (if PCT, indicate	T Application(s) "PCT" under Country)	Priority Clair	<u>ned</u>
PCT/US2004/43		$\frac{12/23/2004}{\text{Day/Month/Year Filed Van No.}} (x) (y)$	
Number  Number	Country  Country	Day/Month/Year Filed Yes No ( ) ( ) Day/Month/Year Filed Yes No	
* ,	<u> </u>		

I hereby claim the benefit under Title 35, United States Code Section 120 and/or 119 of any United States application(s) or PCT International Application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior application(s) in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulation, Section 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Application Serial No.		
or PCT Application No.	U.S. or PCT	Status Patented
(and any assigned USSN)	Filing Date	Pending, or Abandoned
60/533,870	12/31/03	Abandoned

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Michael L. Myrick	
(Full name of sole or first inventor	r)
Inventor's Signature	Date
Residence: 5 Castlevale Circle, Irmo, SC 29063	· · · · · · · · · · · · · · · · · · ·
Citizenship: US	
Post Office Address:	
Paul G. Miney  (Full name of co-inventor or second inv	/entor)
///// (1 an name of continuor of second in	21 - May - 0h
Inventor's Signature	Date
Residence: Amorset, Manorhamilton, Co. Leitrim, Ireland	
Citizenship: Ireland /	
Post Office Address:	
Maria V. Schiza	
(Full name of co-inventor or third inve	entor)
Inventor's Signature	Date
Residence: 1015 King George Boulevard, Apartment 7	702, Savannah, GA 31419
Citizenship: Greece	
Post Office Address:	

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	CT Application(s) e "PCT" under Country)	Priority Claimed
PCT/US2004/4	3742 PCT	<u>12/23/2004</u> (x)()
Number	Country	Day/Month/Year Filed Yes No
Number	Country	Day/Month/Year Filed Yes No
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I hereby claim the benefit under Title 35, United States Code Section 120 and/or 119 of any United States application(s) or PCT International Application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior application(s) in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulation, Section 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

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(Full name of sole or first inventor)	
Inventor's Signature	Date
Residence: 5 Castlevale Circle, Irmo, SC 29063	
Citizenship: US	
Post Office Address:	
Paul G. Miney	·
(Full name of co-inventor or second inve	entor)
Inventor's Signature	Date
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Citizenship: Ireland	
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Maria V. Sahira	
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Laucaster, PA 9=	1602 / MV>